

FIG. 2A

Cloning Step 1

HindIII

pKK223-3 · TTCAACAGGAACAGAAATTCCTGGGATCCGTCGACCTGCAGCCAAGCTT

SEQ ID NO.: 285

pKK223 - 3N
TTCACATAAGGAGGAAAAAccatggGATCCG-----AAGCTT

NcoI

SEQ ID NO.: 286

I N A N P N A N P N A N P N A N P E L
A ATT AAC GCT AAT CCG AAC GCT AAT CCG AAC GCT AAT CCG GAG CT

TTG CGA TTA GGC TTA GGC TTA GGC TTA GGC C

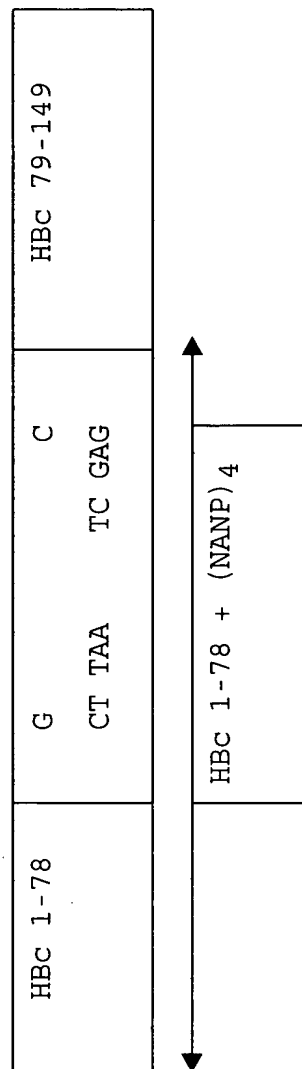


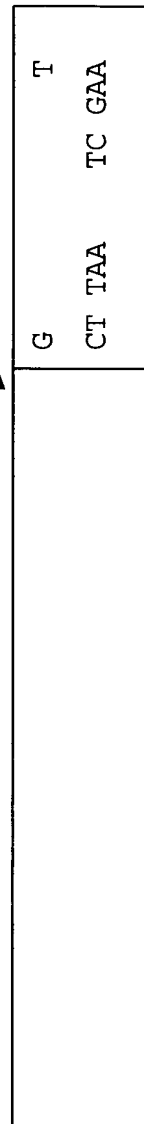
FIG. 2B

Cloning Step 2

I E Y L N K I Q N S L S T E W S P C S V T *

A ATT GAA TAT CTG AAC AAA ATC CAG AAC TCT CTG TCC ACC GAA TGG TCT CCG TGC TCC GTT ACC TAA AAG CT

CTT ATA GAC TTG TTT TAG GTC TTG AGA GAC AGG TGG CTT ACC AGA GGC ACG AGG CAA TGG ATT T



HbC79-149 + PF/CS326-345

FIG. 2C

Cloning step 3

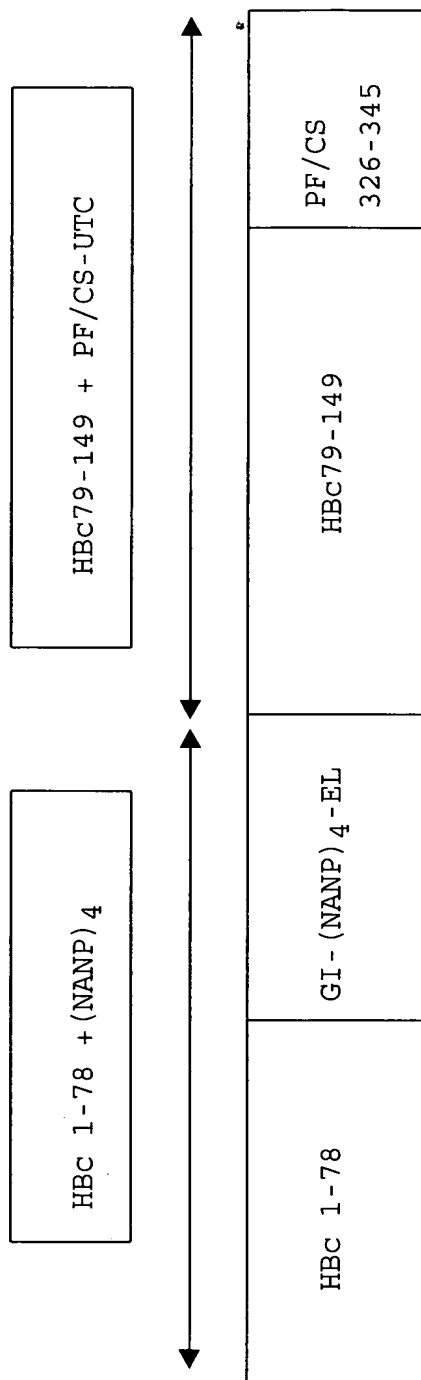


FIG. 3

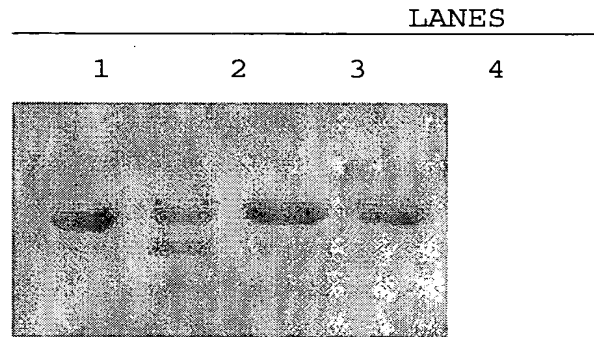


FIG. 4

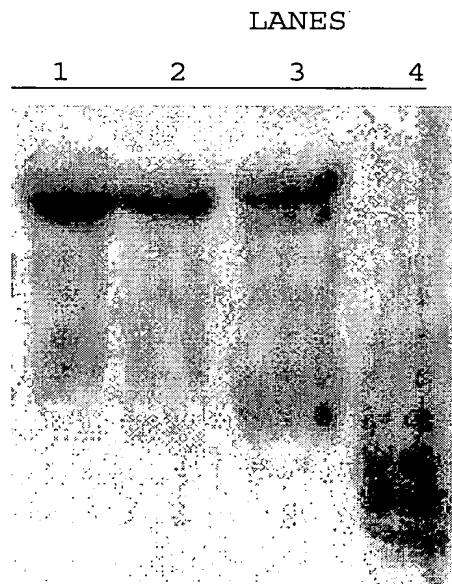


FIG. 3

FIG. 5

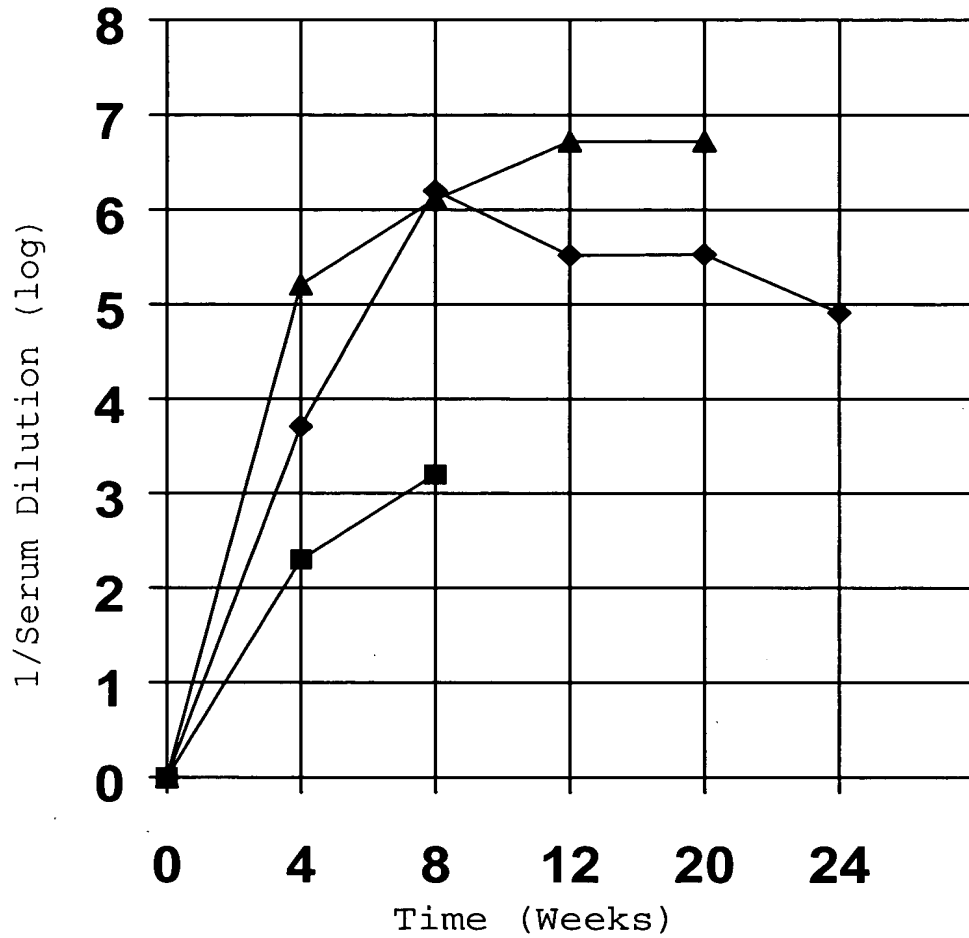
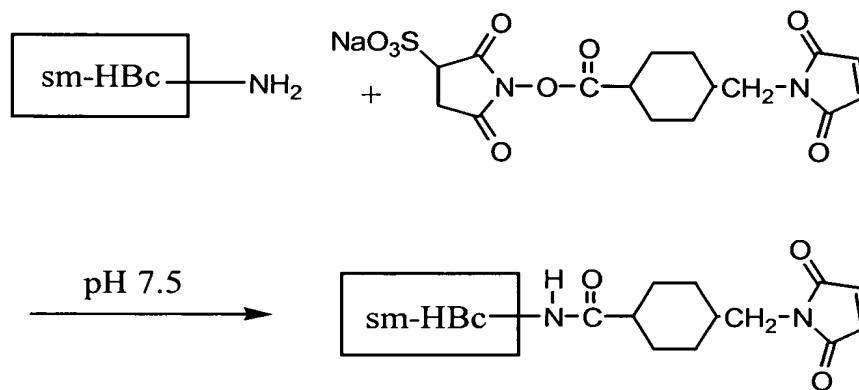


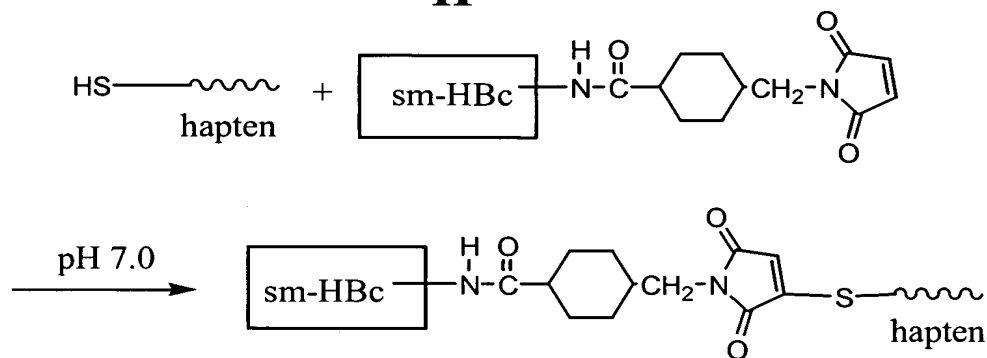
FIG. 6

Scheme 1

I



II



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FIG. 7A

Ground Squirrel	mylfhlclvf acvpcptvga sklclglwld
HBC AYW	1 mdidpykefg atvellsflp sdffpsvrdl ldtasalyre
HBC ADW	mdidpykefg atvellsflp sdffpsvrdl ldtasalyre
HBC ADW2	mdidpykefg atvellsflp sdffpsvrdl ldtasalyre
HBC ADYW	mdidpykefg atvellsflp sdffpsvrdl ldtasalyrd
Woodchuck	mdidpykefg ssyqlnflp ldffpdlnal vdtatalyee
Ground Squirrel	mdidpykefg ssyqlnflp ldffpdlnal vdtasalyee
HBC AYW	41 alespehcsp hhtalrqail cwgelmtlat wvgvnledpa
HBC ADW	alespehcsp hhtalrqail cwgelmtlat wvgnnlqdp
HBC ADW2	alespehcsp hhtalrqail cwgelmtlat wvgnnledpa
HBC ADYW	alespehcsp hhtalrqail cwgelmtlat wvgtnledpa
Woodchuck	eltgrehcsp hhtairqalv cwdeltklia wmsnitseq
Ground Squirrel	eltgrehcsp hhtairqalv cweeltrlit wmsentteev

$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

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<u>V12.Pf1</u>			<u>V12.Pf1 (C17A) C150</u>		
<u>DAYS</u>					
0	7	14	0	7	14

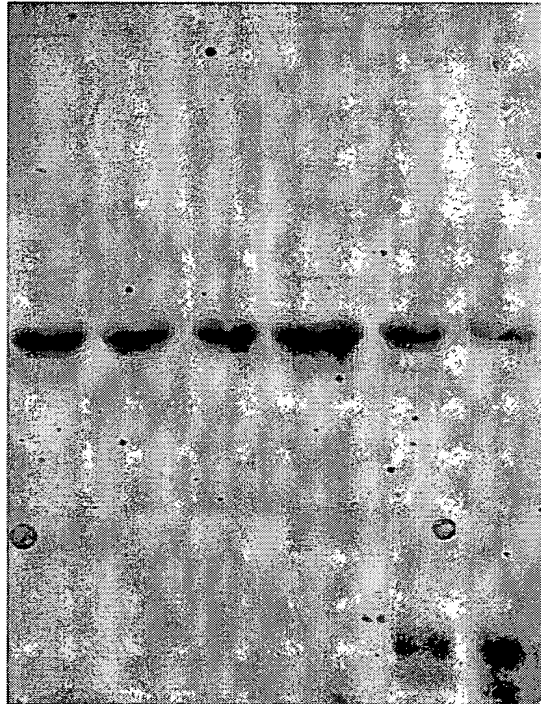
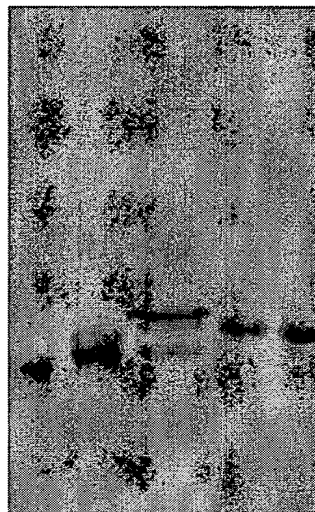


FIG. 9

1 2 3 4 5



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